



WPI

H2O No: Water Conservation Competition

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The Worcester Drought



SEVERE DROUGHT

Worcester's rainfall total was 8.28 inches less than the 24 year average, causing Stage 3 Water Restrictions to be put in place.

The Goal

Educational program and water conservation competition for the freshmen dorms and a way to pitch it to WPI's Green Team.

WPI's Water Usage



21%

Increase in water consumption at WPI from 2014

928,000

Cubic feet of water used at Morgan Hall Dorm



25%

The percentage by which WPI aims to reduce water use by 2018



Student Interactive WPI Water Conservation Plan

Education:

Educate students through informative programs with their CA and RA's

Competition:

With their new knowledge, dorms will compete to use the least amount of water

Incentive:

The money saved in WPI's water bill will give the winners an ice cream party!

Continued Awareness:

Throughout the school year, data on water usage will be posted on social media

References

Worcester Polytechnic Institute. (2016). Sustainability report 2015-2016. Retrieved from [https://www.wpi.edu/sites/default/files/inline-image/Sustainability%20Report_2016%20\(1\).pdf](https://www.wpi.edu/sites/default/files/inline-image/Sustainability%20Report_2016%20(1).pdf)
Guerin, P.D. (n.d.). 2016 Drought Emergency. Retrieved December 05, 2016, from <http://worcesterma.gov/dpw/drought>

Survey Says!

Of 62 WPI students surveyed we found...



64%

of students shower for more than 10 minutes

#1

motivator of WPI students to participate is food, specifically an ice cream party

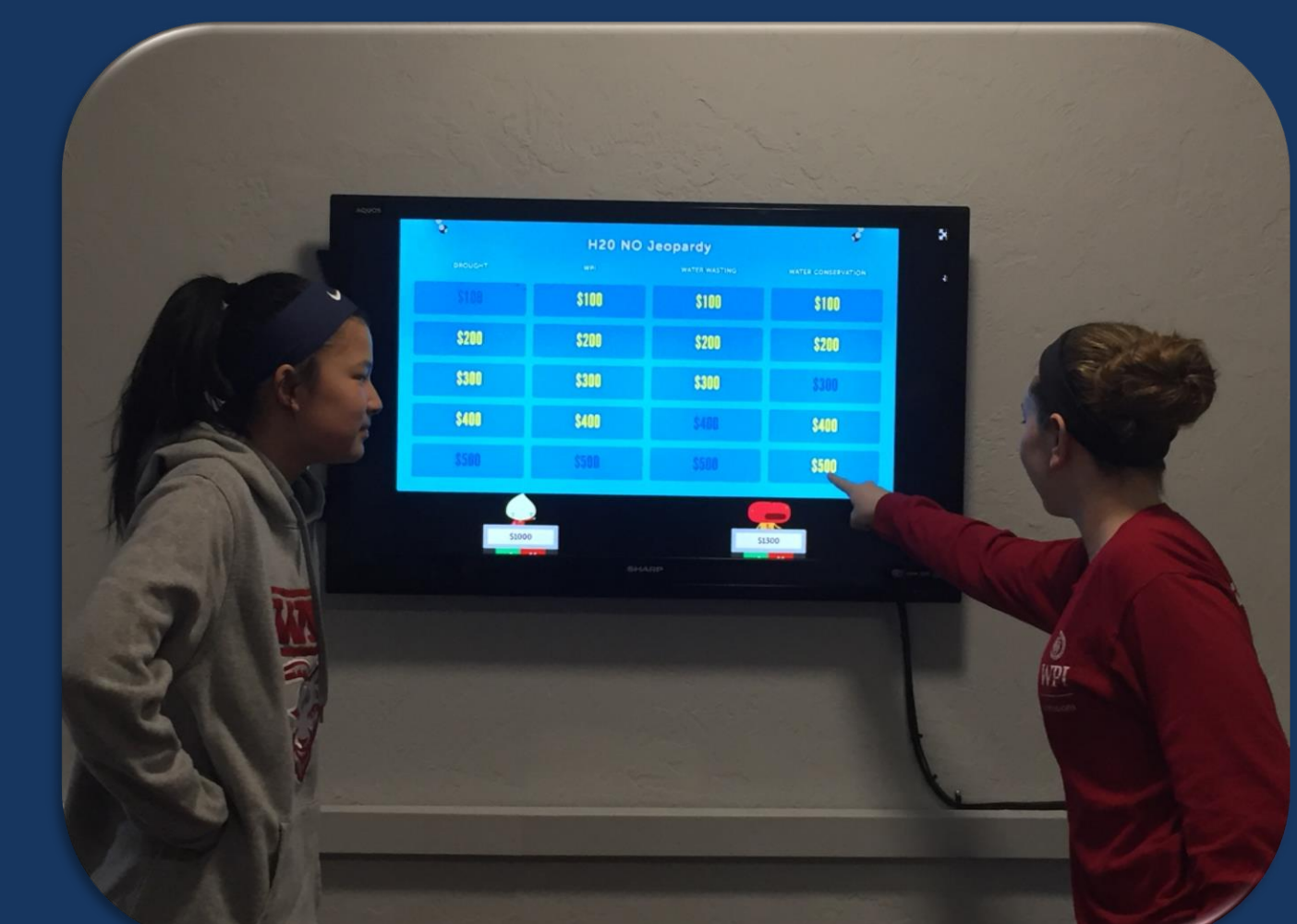


50%



Facebook was reported to be the most commonly checked social media source, great for advertising the event

Water Conservation Jeopardy



Fun educational programs will be provided that will lead students to take shorter showers, wash dishes more efficiently, and report leaking pipes.